

NOV 19 2004

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PTO/SB/21 (08-00)

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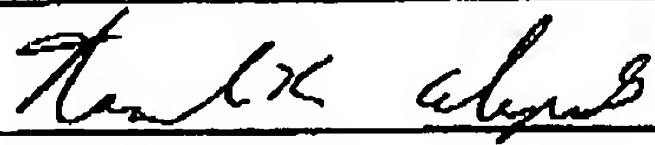
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/627,680	
	Filing Date	7/28/2003	
	First Named Inventor	ATANASOV	
	Group Art Unit	2816	
	Examiner Name	Lepisto, Ryan A.	
Total Number Of Pages In This Submission	14	Attorney Docket No.	A213 1010.1

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declarations <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): 1.
Remarks <input type="checkbox"/>		

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm Or Individual Name	Customer No. 26158 Womble Carlyle Sandridge & Rice, LLC P.O. Box 7037 Atlanta, Georgia 30357-0037 703-394-2216	
Signature	 Nanda K. Alapati	39,893
Date	November 19, 2004	

## CERTIFICATE OF FACSIMILE TRANSMITTAL

I hereby certify that this correspondence is being sent by facsimile to the United States Patent and Trademark Office, at fax number 703-872-9306 (USPTO Customer Window) on November 19, 2004.

  
Nanda K. Alapati

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WASHINGTON 130625v1

<b>FEE TRANSMITTAL</b> <b>for FY 2005</b> <small>Patent fees are subject to annual revision.</small>		<i>Complete If Known</i>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/627,680
		Filing Date	7/28/2003
		First Named Inventor	ATANASOV
		Examiner Name	Lepisto, Ryan A.
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) <u>264.00</u>		Group Art Unit	2816
		New Attorney Docket No.	A213 1010.1

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)																																																																																																																																																																																		
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account <div style="margin-top: 5px;">           Deposit Account Number: <span style="border: 1px solid black; padding: 2px 20px;">09-0528</span>            Deposit Account Name: <span style="border: 1px solid black; padding: 2px 40px;">Womble Carlyle Sandridge &amp; Rice</span> </div> The Commissioner is hereby authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee, to the above-identified deposit account.	<b>3. ADDITIONAL FEES</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>85</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>430</td><td>2252</td><td>215</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>980</td><td>2253</td><td>490</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,530</td><td>2254</td><td>765</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2080</td><td>2255</td><td>1040</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>340</td><td>2401</td><td>170</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>340</td><td>2402</td><td>170</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>300</td><td>2403</td><td>150</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - 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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Nanda K. Alapati	Registration No. (Attorney/Agent)	39,893
Signature		Telephone	703-394-2216
		Date	November 18, 2004

WASHINGTON 130623V1

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**NOV 19 2004****IN THE U.S. PATENT AND TRADEMARK OFFICE**

<b>Application No.: 10/627,680</b>	<b>Confirmation No. 4613</b>
<b>Application of: G. ATANASOV</b>	<b>Group Art Unit: 2816</b>
<b>Filing Date: July 28, 2003</b>	<b>Examiner: Lepisto, Ryan A.</b>
<b>Title: Optical Monitoring of Thin-Film Deposition</b>	<b>Docket No. A213 1010.1</b> <b>Customer No. 26158</b>

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

In response to the November 12, 2004 office action, please enter and consider the following amendment and remarks.

Changes to the claims begin on page 2 of this paper.

Remarks begin on page 12 of this paper.